# Service Manual

Audio/Video Programmer

#### Specifications

Power source:

110VAC, 220VAC, 240VAC

50/60 Hz (separately available)

Power consumption: 8W for operation of programmer

Power capacity:

1,100W (220VAC and 240VAC)

or 600W (110VAC)

Switch construction: Double pole-single throw

Clock accuracy:

+10 seconds per month

(quartz oscillator incorporated)

Timer accuracy:

+0.02 second against preset

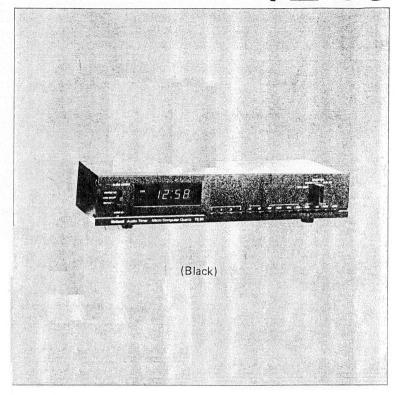
program

Dimensions:

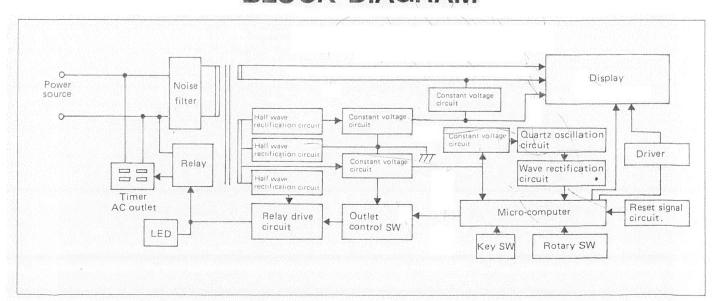
74 x 360 x 130 mm.

Weight:

2,200g

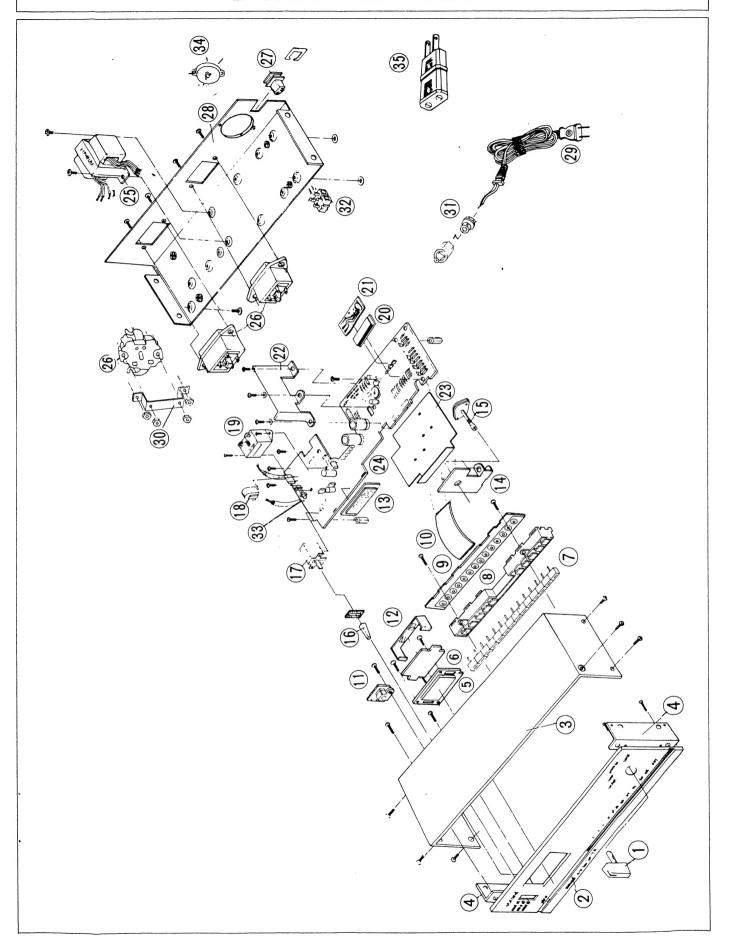


#### **BLOCK DIAGRAM**





# DISMANTLED VIEW



## REPLACEMENT PARTS LIST

| Ref.<br>No. | Part No.    | Part Name & Description             | Original Part No.        | Per<br>set   |  |
|-------------|-------------|-------------------------------------|--------------------------|--------------|--|
| _           | TE95003597  | Mood selector (black)               |                          | 1            |  |
| 1           | TE95003597I | Mood selector (silver)              |                          | 1            |  |
|             | TE95003067I | Front panel (black)                 |                          | 1            |  |
| 2           | TE95002067I | Front panel (silver)                |                          | 1            |  |
|             | TE95003087  | Upper case                          |                          | 1            |  |
| 3           | TE95003087I | Upper case (England only)           |                          | 1            |  |
| 4           | TE95000797  | Mounting bracket                    |                          | 2            |  |
| 5           | TE95003107  | Front cover                         |                          | 1            |  |
| 6           | TE95003068  | Front plate                         |                          | 1            |  |
| 7           | TE95003627  | Key (black)                         |                          | 14           |  |
|             | TE95003627I | Key (silver)                        |                          | 14           |  |
| 8           | TE95003687  | Key frame                           |                          | 1            |  |
| 9           | TE95002657  | Key plate block                     |                          | 1            |  |
| 10          | TE95003457  | Block jumper                        |                          | 1            |  |
| 11          | TE95002327  | Indicator lamp                      |                          | 1            |  |
| 12          | TE95000217  | Display holder                      |                          | 1            |  |
| 13          | TE95002367  | Display                             | 6-LT-29S (Futaba)        | 1            |  |
| 14          | TE95002367  | Key bracket                         | 5 E 1 200 (1 dtaba)      | 1            |  |
| 15          | TE95000367  | Rotary switch                       | ESRE114K15C (M.E. Comp.) | 1            |  |
| 16          | TE95002617  | Switch lever (black)                | ESTETTARTS (M.E. Comp.)  | 1            |  |
|             | TE95003607  | Switch lever (silver)               |                          | 1            |  |
| 17          | TE950030071 | Lever switch block                  | ESL36221 (M.E. Comp.)    | 1            |  |
| 18          | TE95002717  | Line filter                         | L3L30221 (W.L. COMP.)    | 1            |  |
| 19          | TE95002717  | Relay (Switherland England only)    |                          | 1            |  |
|             | TE90005307  | Relay                               |                          | 1            |  |
| 20          |             | LSI                                 | MN1430DA (M.E. Corp.)    | 1            |  |
| 21          | TE95002387  | Printed circuit B                   | MINT430DA (M.E. Corp.)   | 1            |  |
| 22          | TE95002637  |                                     |                          | 1            |  |
| 23          | TE95003197  | Center panel                        |                          | <del> </del> |  |
|             | TE95000147  | Mounting panel                      |                          | 1            |  |
| 24          | TE95002627E | Printed circuit A                   |                          | 1            |  |
| 25          | TE95002237D | Power transformer                   | ETP48Q29E (M.E. Comp.)   | 1            |  |
|             | TE95002507  | Receptacle A (A2)                   |                          | 2            |  |
|             | TE90302507B | Receptacle B (England only)         |                          | 2            |  |
|             | TE90302507E | Receptacle C (Denmark only)         |                          | 1            |  |
|             | TE90302507F | Receptacle D (C2, w/o earth)        |                          | 1            |  |
|             | TE90302507G | Receptacle E (C2, w/earth)          |                          | 1            |  |
|             | TE90302507H | Receptacle F (Switherland only)     |                          | 1            |  |
| 27          | TE95002667  | Power plug                          |                          | 1            |  |
| 28          | TE95003097  | Lower case A (w/A2 hole)            |                          | 1            |  |
|             | TE95003097B | Lower case B (England only)         |                          | 1            |  |
|             | TE95003097C | Lower case C (PX only)              |                          | 1            |  |
|             | TE95003097E | Lower case D (w/C2 hole)            |                          | 1            |  |
|             | TE95003097H | Lower case E (Switherland only)     |                          | 1            |  |
| 29          | TE95002057  | Cord A (A2)                         |                          | 1            |  |
|             | TE95002057A | Cord B (B2)                         |                          | 1            |  |
|             | TE95002057B | Cord C (w/o plug) England only      |                          | 1            |  |
|             | TE95002057C | Cord D (C2) Flat type               |                          | 1            |  |
|             | TE95002057E | Cord E (C2) DEMKO approved          |                          | 1            |  |
|             | TE95002057F | Cord F (C2) KEMA approved           |                          | 1            |  |
|             | TE95002057G | Cord G (C2) w/earth                 |                          | 1            |  |
|             | TE95002057H | Cord H (C3) Switherland only        |                          | 1            |  |
| 30          | TE90300807A | Bracket for receptacle              |                          | 1            |  |
| 31          | TE95000357A | Bushing                             |                          | 1            |  |
| 32          | TE95003588A | Terminal                            |                          | 1            |  |
| 33          | TE90300317A | Fuse (160mA)                        | EA160mA (length 20mm)    | 1            |  |
| 34          | TE90302017A | Voltage conversion switch (PX only) |                          | 1            |  |
| 35          | TE90302217A | Adapter sets (PX only)              |                          | 1            |  |
| 36          | TE95008107I | Instruction book                    |                          | 1            |  |
| 37          | TE95008007A | Individual box                      |                          | 1            |  |

### **CIRCUIT DIAGRAM**

